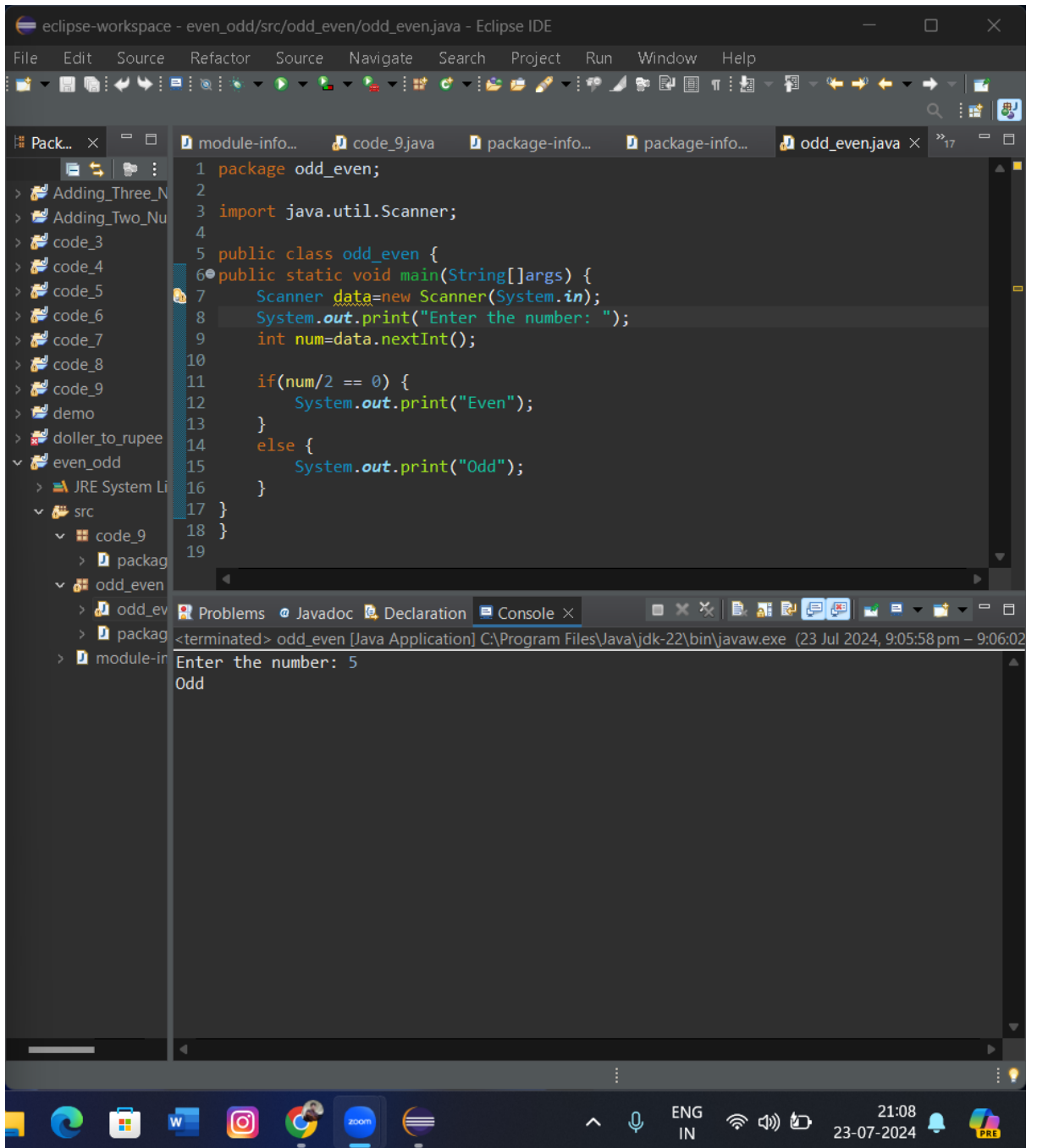


## 1. EVEN OR ODD



The screenshot shows the Eclipse IDE interface. The main editor displays the source code for `odd_even.java`. The code is as follows:

```
1 package odd_even;
2
3 import java.util.Scanner;
4
5 public class odd_even {
6     public static void main(String[] args) {
7         Scanner data = new Scanner(System.in);
8         System.out.print("Enter the number: ");
9         int num = data.nextInt();
10
11         if (num / 2 == 0) {
12             System.out.print("Even");
13         }
14         else {
15             System.out.print("Odd");
16         }
17     }
18 }
19
```

The left sidebar shows the project structure with the following folders and files:

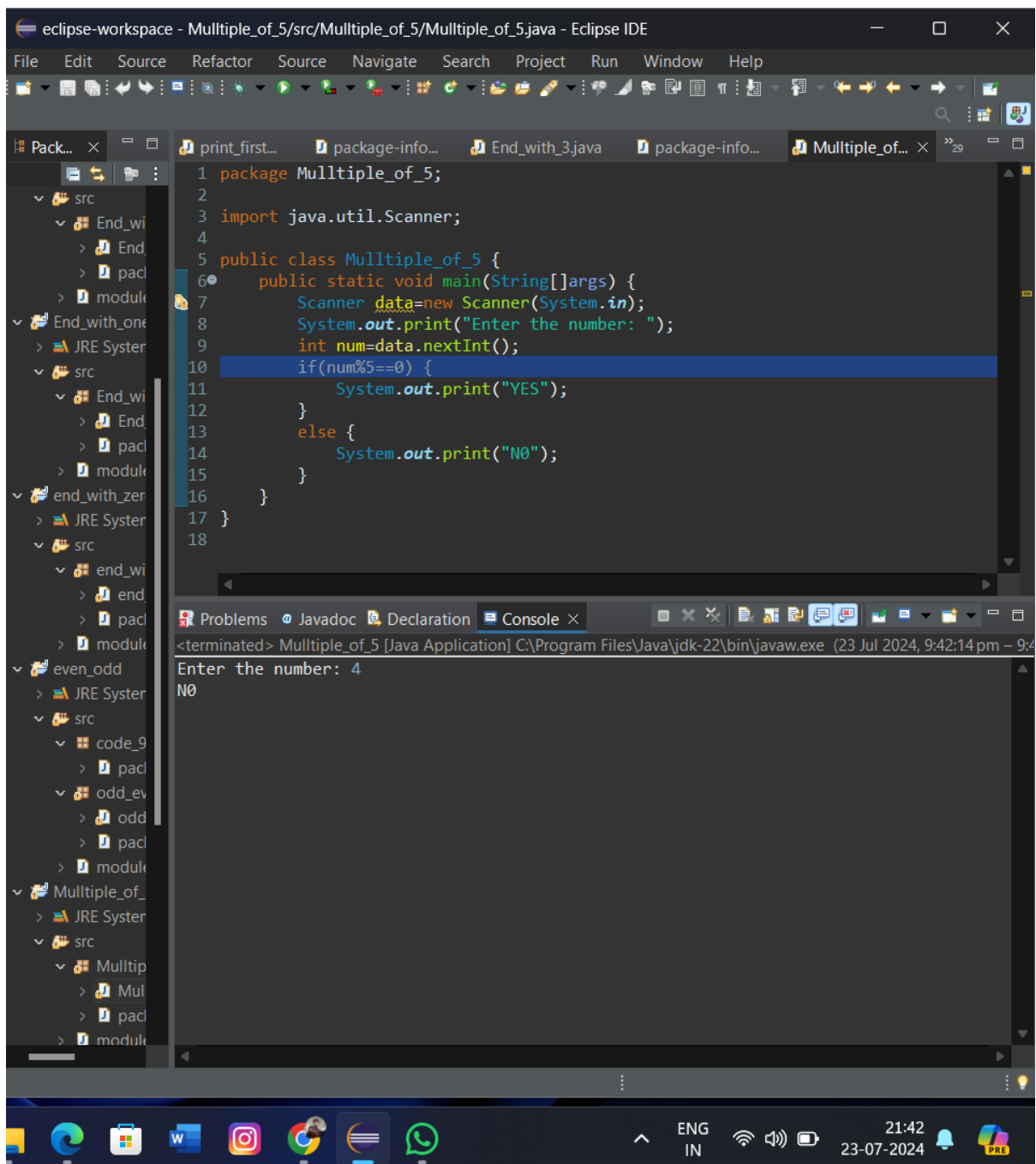
- Adding\_Three\_N
- Adding\_Two\_Nu
- code\_3
- code\_4
- code\_5
- code\_6
- code\_7
- code\_8
- code\_9
- demo
- doller\_to\_rupee
- even\_odd
  - JRE System Li
  - src
    - code\_9
      - packag
    - odd\_even
- odd\_ev
- packag
- module-in

The bottom console shows the output of the program:

```
<terminated> odd_even [Java Application] C:\Program Files\Java\jdk-22\bin\javaw.exe (23 Jul 2024, 9:05:58 pm - 9:06:02)
Enter the number: 5
Odd
```

The Windows taskbar at the bottom shows the time as 21:08 on 23-07-2024, along with various system icons and application icons.

## 2. MULTIPLE OF 5



```
eclipse-workspace - Multiple_of_5/src/Multiple_of_5/Multiple_of_5.java - Eclipse IDE
File Edit Source Refactor Source Navigate Search Project Run Window Help

Pack... x print_first... package-info... End_with_3.java package-info... Multiple_of_5 x 29

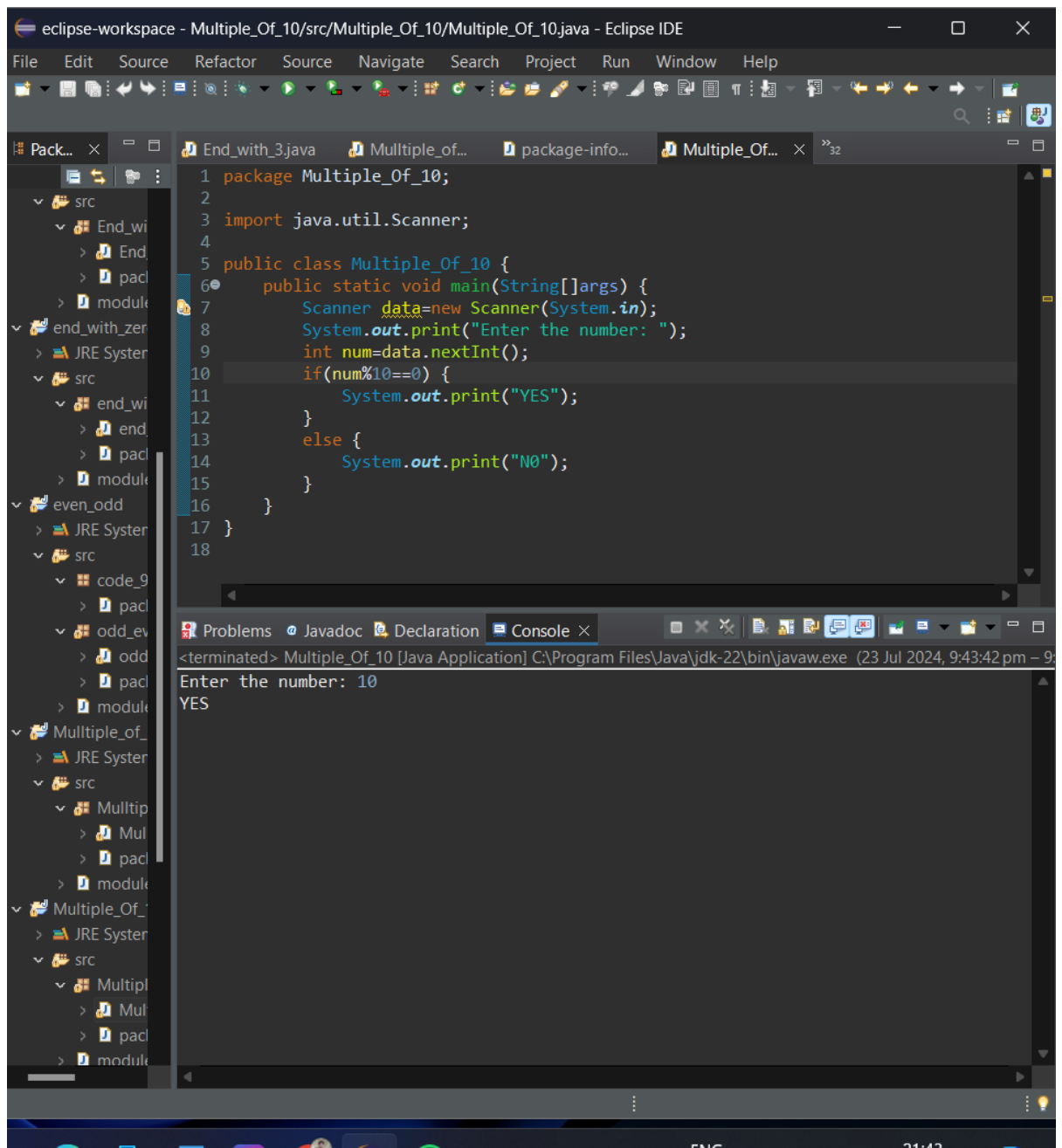
src
├── End_wi
│   ├── End.
│   ├── pac
│   └── modul
├── End_with_one
│   ├── JRE System
│   ├── src
│   ├── End_wi
│   │   ├── End.
│   │   ├── pac
│   │   └── modul
│   ├── end_with_zer
│   │   ├── JRE System
│   │   ├── src
│   │   ├── end_wi
│   │   │   ├── end.
│   │   │   ├── pac
│   │   │   └── modul
│   ├── even_odd
│   │   ├── JRE System
│   │   ├── src
│   │   ├── code_9
│   │   │   ├── pac
│   │   ├── odd_ev
│   │   │   ├── odd
│   │   │   ├── pac
│   │   │   └── modul
│   ├── Multiple_of_
│   │   ├── JRE System
│   │   ├── src
│   │   ├── Multip
│   │   │   ├── Mul
│   │   │   ├── pac
│   │   │   └── modul

1 package Multiple_of_5;
2
3 import java.util.Scanner;
4
5 public class Multiple_of_5 {
6     public static void main(String[] args) {
7         Scanner data = new Scanner(System.in);
8         System.out.print("Enter the number: ");
9         int num = data.nextInt();
10        if(num%5==0) {
11            System.out.print("YES");
12        }
13        else {
14            System.out.print("NO");
15        }
16    }
17 }
18

Problems Javadoc Declaration Console x
<terminated> Multiple_of_5 [Java Application] C:\Program Files\Java\jdk-22\bin\javaw.exe (23 Jul 2024, 9:42:14 pm - 9:4
Enter the number: 4
NO
```

21:42  
23-07-2024

### 3. MULTIPLE OF 10



The screenshot displays the Eclipse IDE interface. The main editor window shows the file `Multiple_Of_10.java` with the following code:

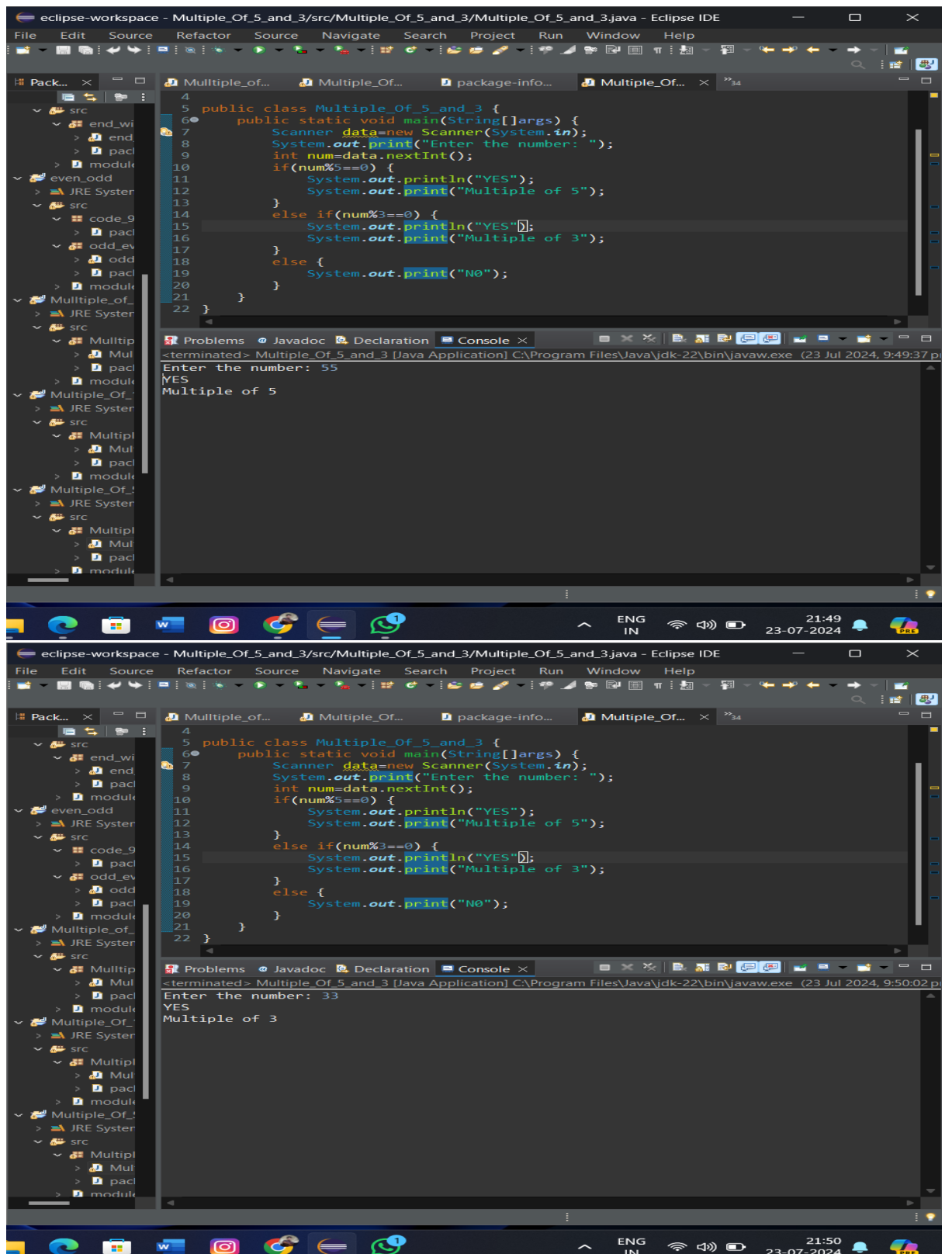
```
1 package Multiple_Of_10;
2
3 import java.util.Scanner;
4
5 public class Multiple_Of_10 {
6     public static void main(String[]args) {
7         Scanner data=new Scanner(System.in);
8         System.out.print("Enter the number: ");
9         int num=data.nextInt();
10        if(num%10==0) {
11            System.out.print("YES");
12        }
13        else {
14            System.out.print("NO");
15        }
16    }
17 }
18
```

The left sidebar shows the project structure with folders like `src`, `End_wi`, `end_with_zer`, `even_odd`, `code_9`, `odd_ev`, `Multiple_of_`, and `Multiple_Of_`.

The bottom console window shows the execution output:

```
<terminated> Multiple_Of_10 [Java Application] C:\Program Files\Java\jdk-22\bin\javaw.exe (23 Jul 2024, 9:43:42 pm - 9:43:42 pm)
Enter the number: 10
YES
```

#### 4. MULTIPLE OF 5 AND 3



The image displays two screenshots of the Eclipse IDE, showing a Java program that checks if a number is a multiple of 5 and 3. The program is named `Multiple_Of_5_and_3.java` and is located in the `src` directory of the `Multiple_Of_5_and_3` project.

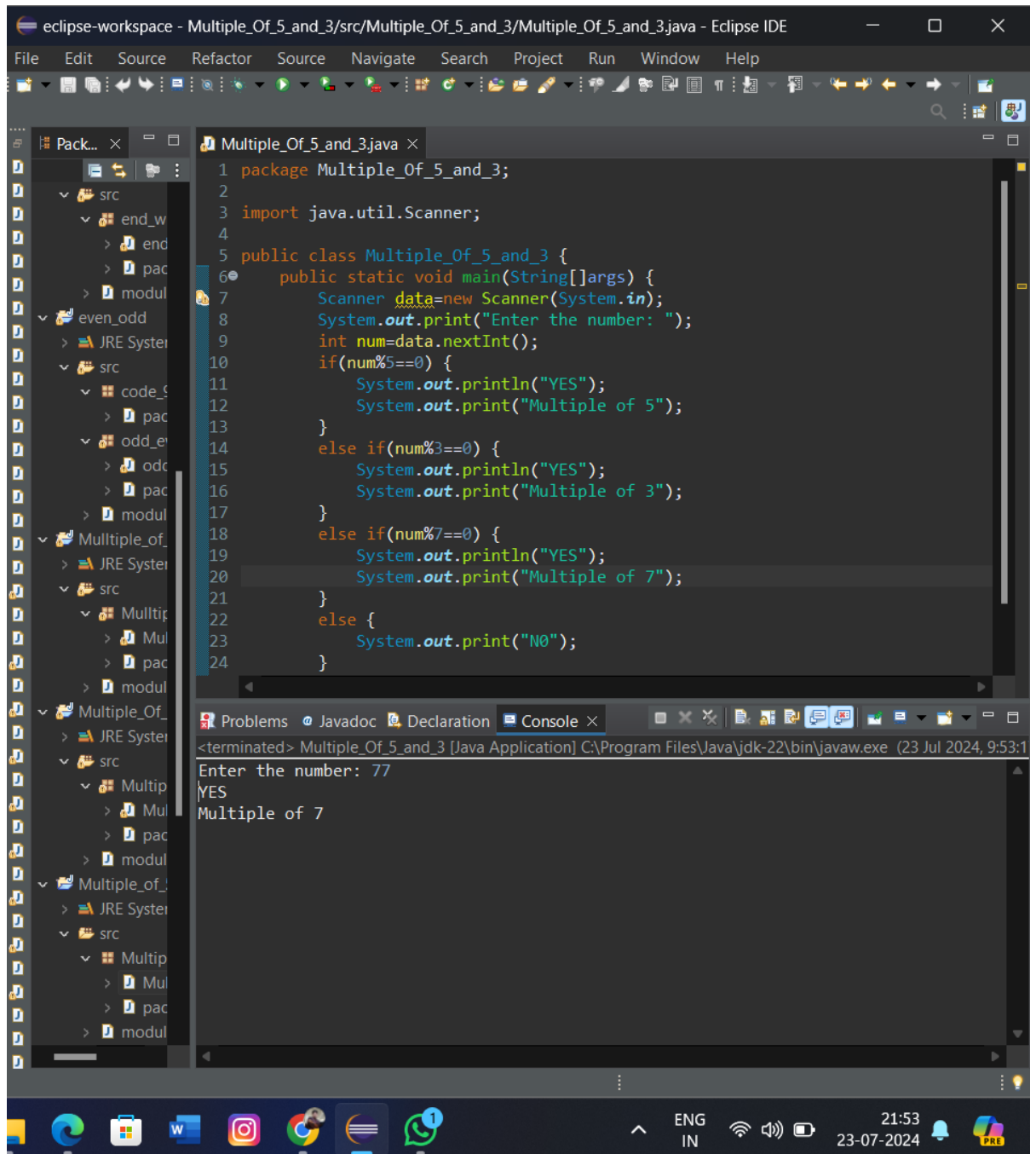
**First Screenshot:** The program is running, and the user has entered the number 55. The output shows "YES" and "Multiple of 5".

```
4 public class Multiple_Of_5_and_3 {
5     public static void main(String[] args) {
6         Scanner data=new Scanner(System.in);
7         System.out.print("Enter the number: ");
8         int num=data.nextInt();
9         if(num%5==0) {
10             System.out.println("YES");
11             System.out.print("Multiple of 5");
12         }
13         else if(num%3==0) {
14             System.out.println("YES");
15             System.out.print("Multiple of 3");
16         }
17         else {
18             System.out.print("N0");
19         }
20     }
21 }
22 }
```

**Second Screenshot:** The program is running, and the user has entered the number 33. The output shows "YES" and "Multiple of 3".

```
4 public class Multiple_Of_5_and_3 {
5     public static void main(String[] args) {
6         Scanner data=new Scanner(System.in);
7         System.out.print("Enter the number: ");
8         int num=data.nextInt();
9         if(num%5==0) {
10             System.out.println("YES");
11             System.out.print("Multiple of 5");
12         }
13         else if(num%3==0) {
14             System.out.println("YES");
15             System.out.print("Multiple of 3");
16         }
17         else {
18             System.out.print("N0");
19         }
20     }
21 }
22 }
```

## 5. MULTIPLE OF 5,3,7

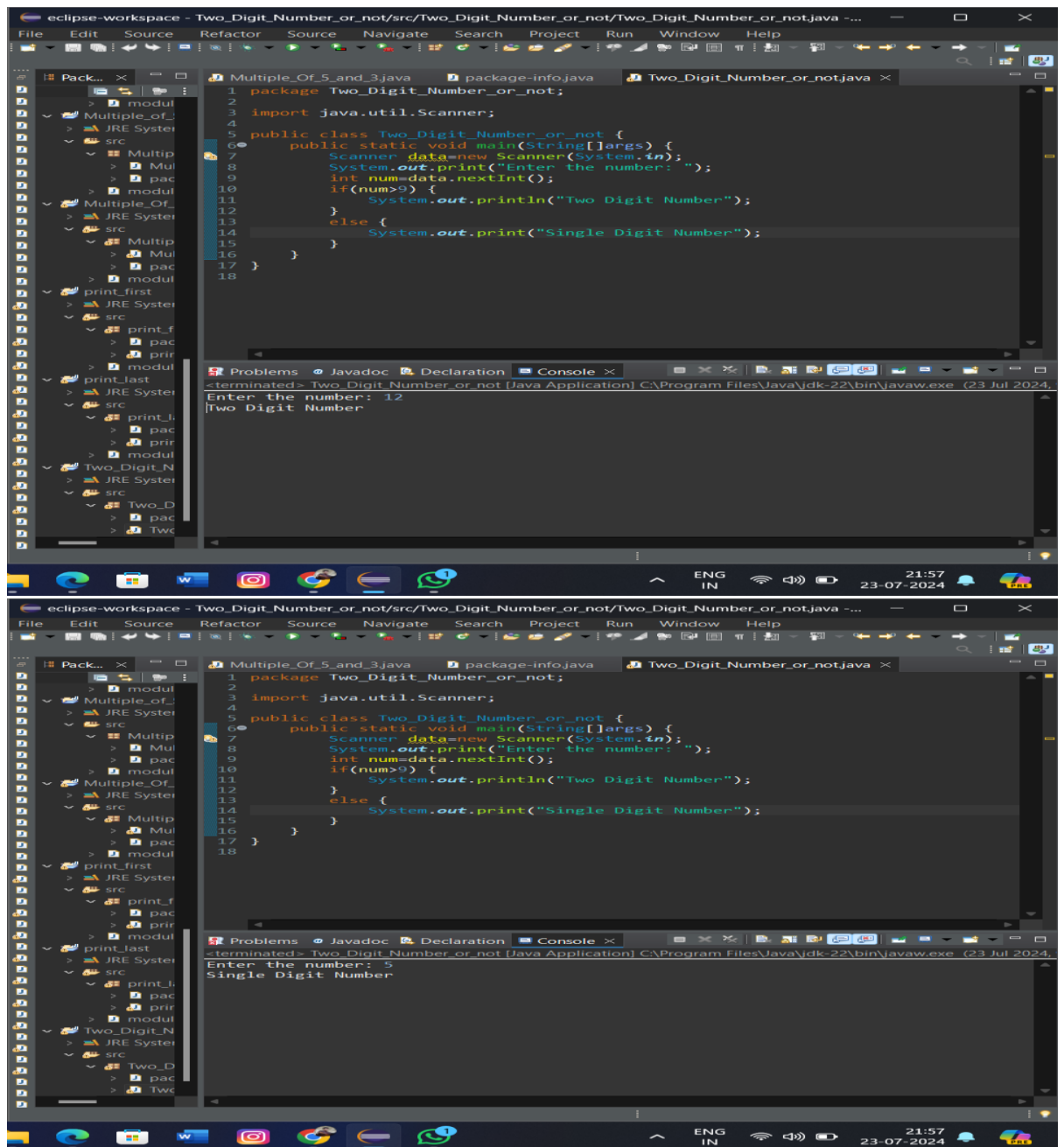


```
1 package Multiple_Of_5_and_3;
2
3 import java.util.Scanner;
4
5 public class Multiple_Of_5_and_3 {
6     public static void main(String[] args) {
7         Scanner data=new Scanner(System.in);
8         System.out.print("Enter the number: ");
9         int num=data.nextInt();
10        if(num%5==0) {
11            System.out.println("YES");
12            System.out.print("Multiple of 5");
13        }
14        else if(num%3==0) {
15            System.out.println("YES");
16            System.out.print("Multiple of 3");
17        }
18        else if(num%7==0) {
19            System.out.println("YES");
20            System.out.print("Multiple of 7");
21        }
22        else {
23            System.out.print("NO");
24        }
25    }
26 }
```

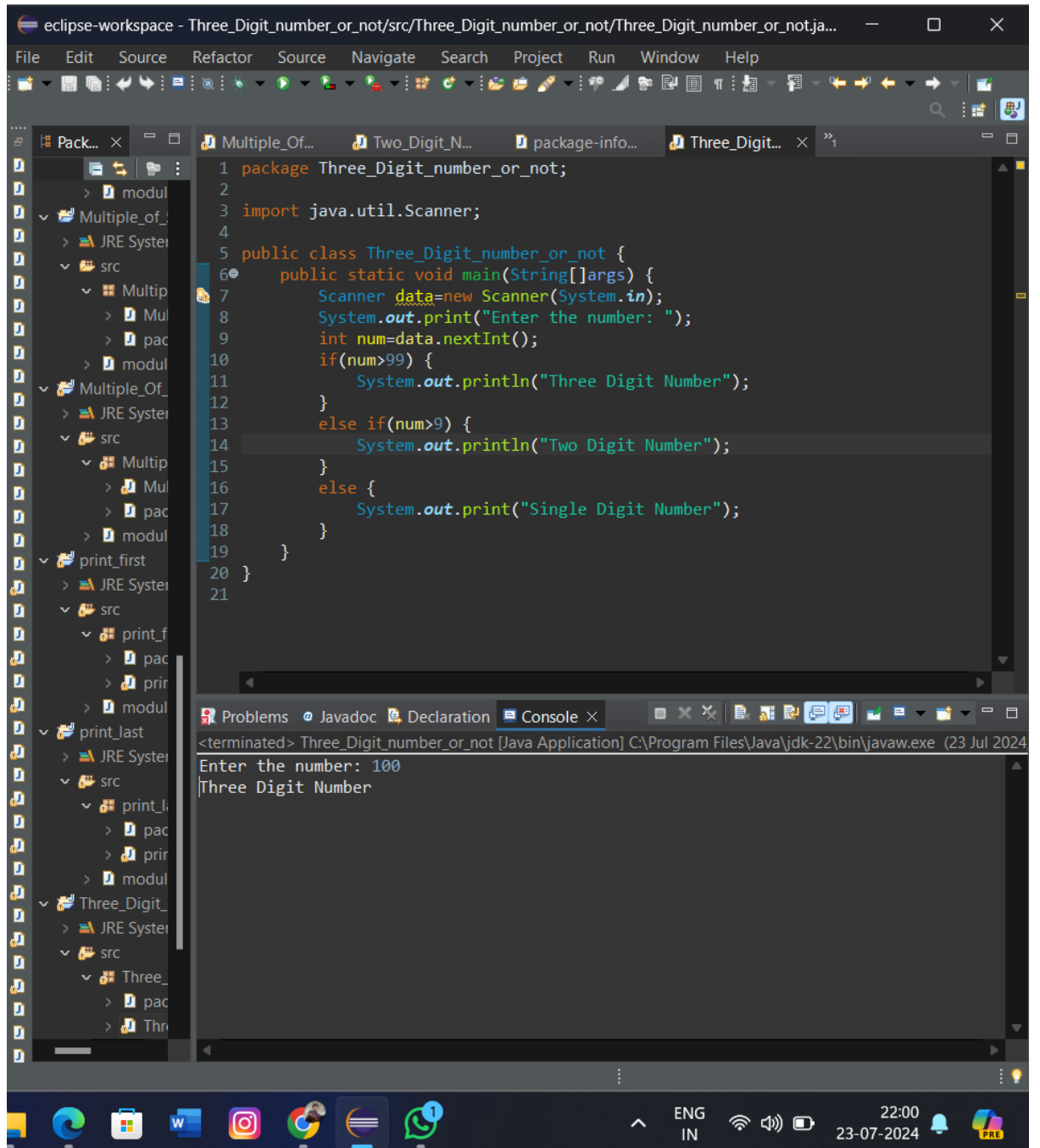
Console Output:

```
<terminated> Multiple_Of_5_and_3 [Java Application] C:\Program Files\Java\jdk-22\bin\javaw.exe (23 Jul 2024, 9:53:1
Enter the number: 77
YES
Multiple of 7
```

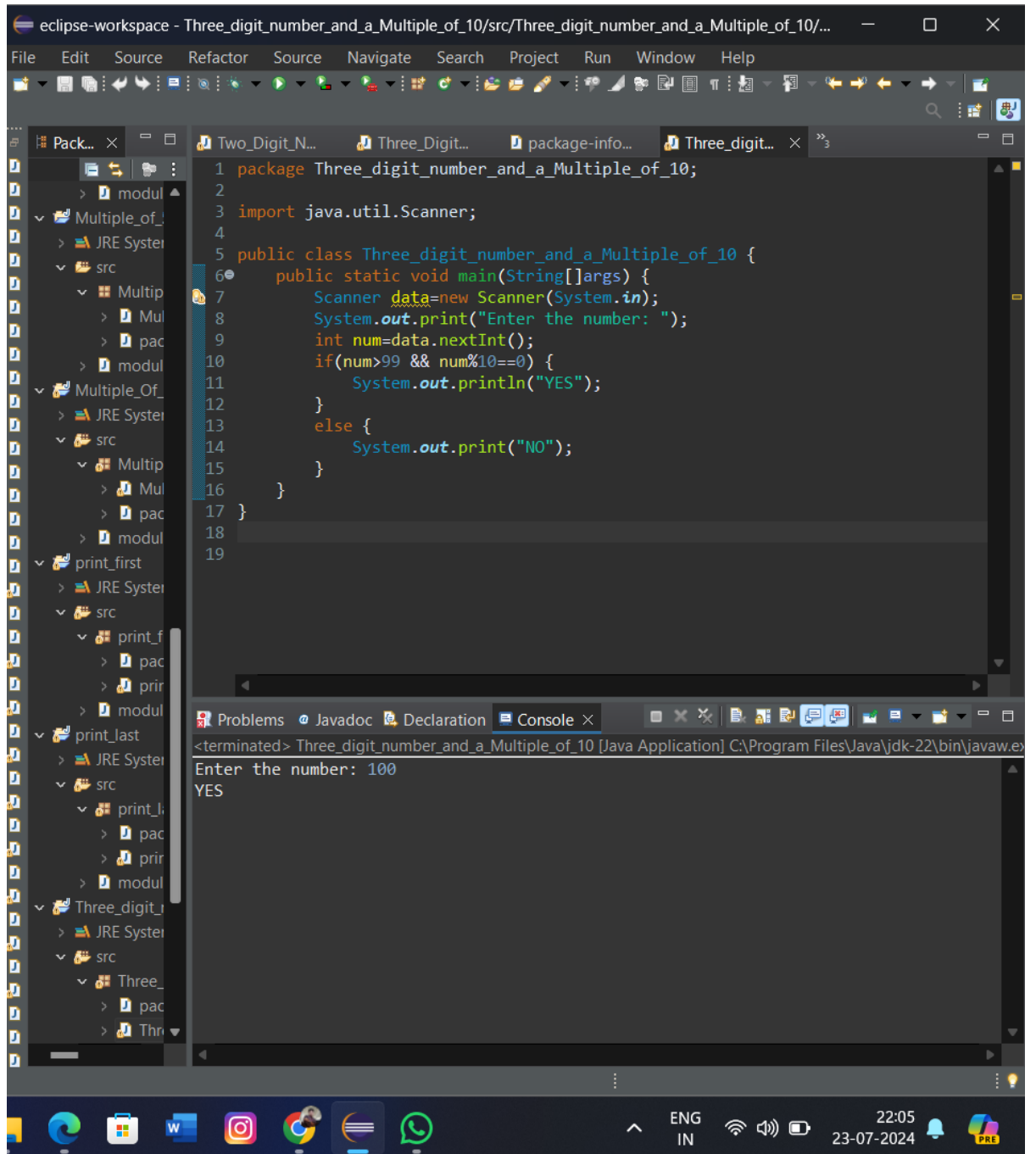
## 6. TWO DIGIT NUMBER OR NOT



## 7. THREE DIGIT NUMBER OR NOT



## 8. THREE DIGIT NUMBER AND A MULTIPLE OF 10



```
1 package Three_digit_number_and_a_Multiple_of_10;
2
3 import java.util.Scanner;
4
5 public class Three_digit_number_and_a_Multiple_of_10 {
6     public static void main(String[] args) {
7         Scanner data=new Scanner(System.in);
8         System.out.print("Enter the number: ");
9         int num=data.nextInt();
10        if(num>99 && num%10==0) {
11            System.out.println("YES");
12        }
13        else {
14            System.out.print("NO");
15        }
16    }
17 }
18
19
```

Problems Javadoc Declaration Console

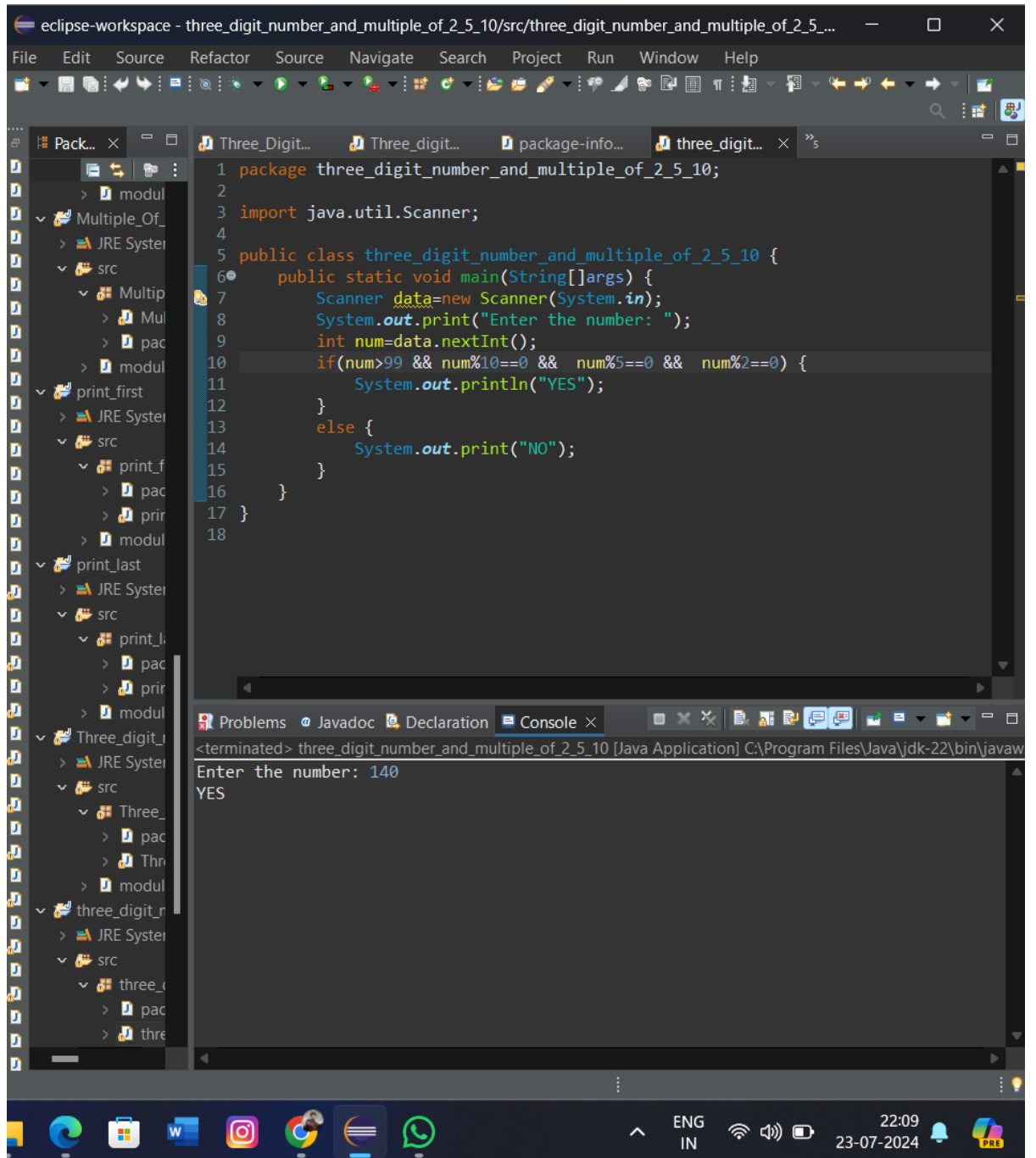
<terminated> Three\_digit\_number\_and\_a\_Multiple\_of\_10 [Java Application] C:\Program Files\Java\jdk-22\bin\javaw.exe

Enter the number: 100

YES



## 9. THREE DIGIT NUMBER AND MULTIPLE OF 2, 5 AND 10



```
1 package three_digit_number_and_multiple_of_2_5_10;
2
3 import java.util.Scanner;
4
5 public class three_digit_number_and_multiple_of_2_5_10 {
6     public static void main(String[] args) {
7         Scanner data=new Scanner(System.in);
8         System.out.print("Enter the number: ");
9         int num=data.nextInt();
10        if(num>99 && num%10==0 && num%5==0 && num%2==0) {
11            System.out.println("YES");
12        }
13        else {
14            System.out.print("NO");
15        }
16    }
17 }
18
```

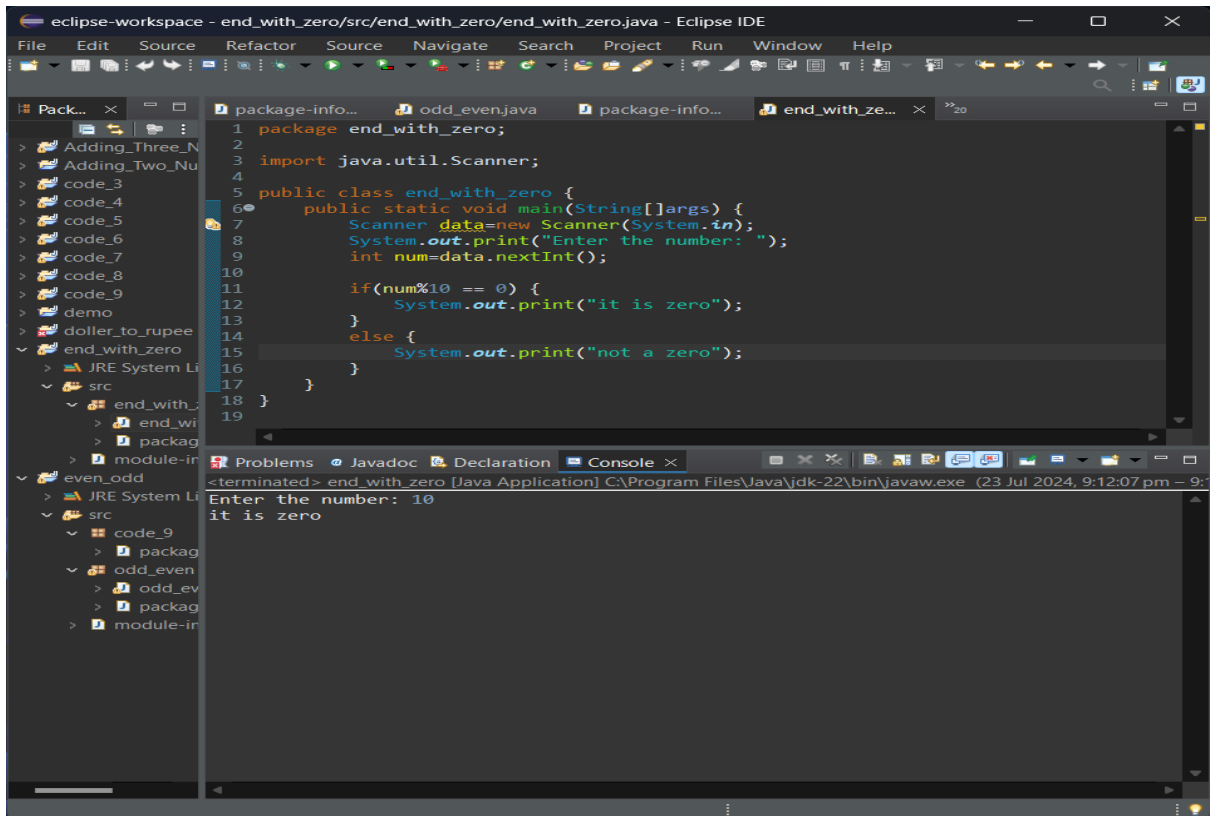
Problems Javadoc Declaration Console

<terminated> three\_digit\_number\_and\_multiple\_of\_2\_5\_10 [Java Application] C:\Program Files\Java\jdk-22\bin\javaw

Enter the number: 140

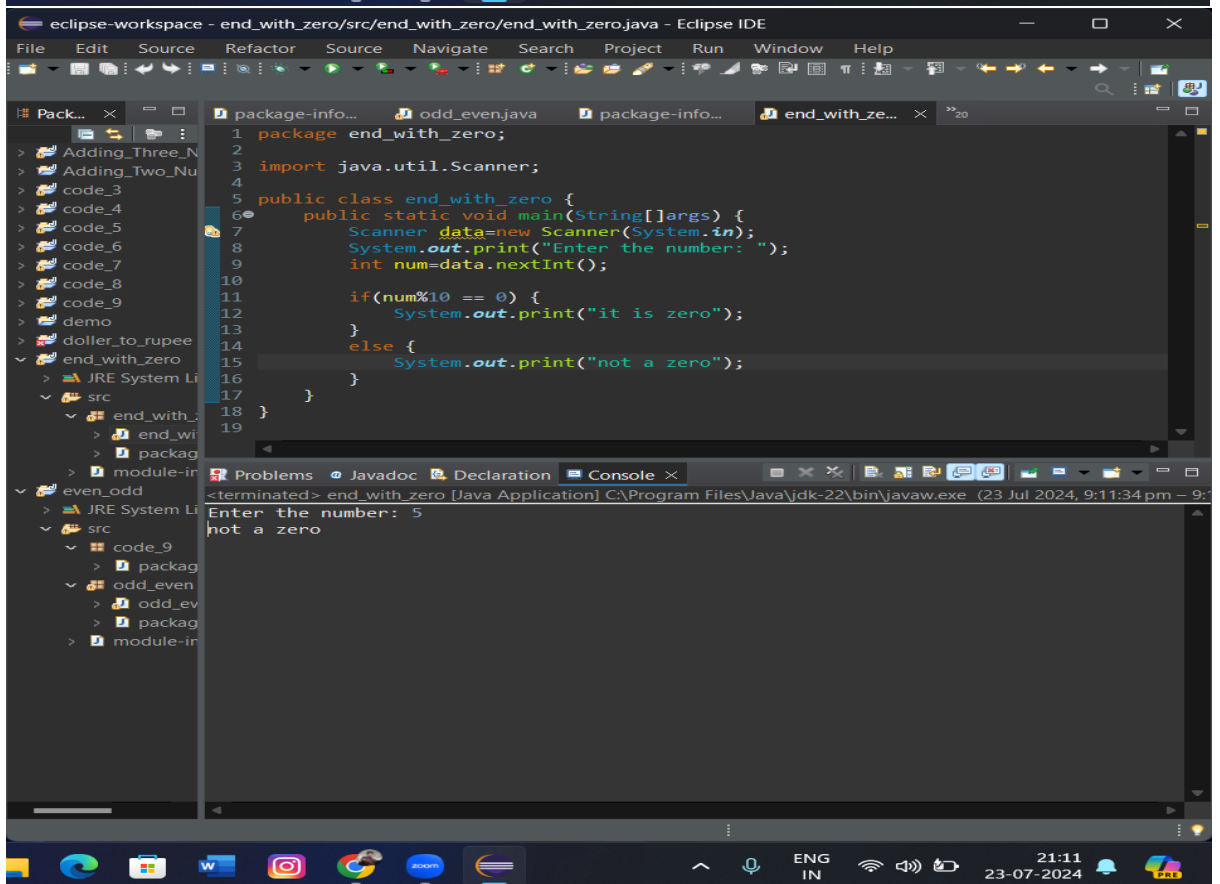
YES

## 10. NUMBER ENDS WITH ZERO OR NOT



```
1 package end_with_zero;
2
3 import java.util.Scanner;
4
5 public class end_with_zero {
6     public static void main(String[] args) {
7         Scanner data=new Scanner(System.in);
8         System.out.print("Enter the number: ");
9         int num=data.nextInt();
10
11         if(num%10 == 0) {
12             System.out.print("it is zero");
13         }
14         else {
15             System.out.print("not a zero");
16         }
17     }
18 }
19
```

Console Output: <terminated> end\_with\_zero [Java Application] C:\Program Files\Java\jdk-22\bin\javaw.exe (23 Jul 2024, 9:12:07 pm - 9:12:07 pm)  
Enter the number: 10  
it is zero



```
1 package end_with_zero;
2
3 import java.util.Scanner;
4
5 public class end_with_zero {
6     public static void main(String[] args) {
7         Scanner data=new Scanner(System.in);
8         System.out.print("Enter the number: ");
9         int num=data.nextInt();
10
11         if(num%10 == 0) {
12             System.out.print("it is zero");
13         }
14         else {
15             System.out.print("not a zero");
16         }
17     }
18 }
19
```

Console Output: <terminated> end\_with\_zero [Java Application] C:\Program Files\Java\jdk-22\bin\javaw.exe (23 Jul 2024, 9:11:34 pm - 9:11:34 pm)  
Enter the number: 5  
not a zero